

INFLATABLE EXTERNAL AIRBAG SYSTEM

ABSTRACT

An inflatable external airbag system adapted to securely deploy an airbag along a windshield from a rear portion of a hood with little or no influence of wind direction and/or wind pressure around the top of a running vehicle. The hood includes a front portion and a rear portion. The rear portion includes a deployment direction regulating member. The front and rear portions of the hood may be coupled together via a hinge. As the airbag inflates, the rear hood portion pivots upwardly to a predetermined angle to hang over the airbag just like a flap thereby regulating the deployment direction of the airbag to deflect the deployment toward the windshield.

FIGURES